FIG. 1

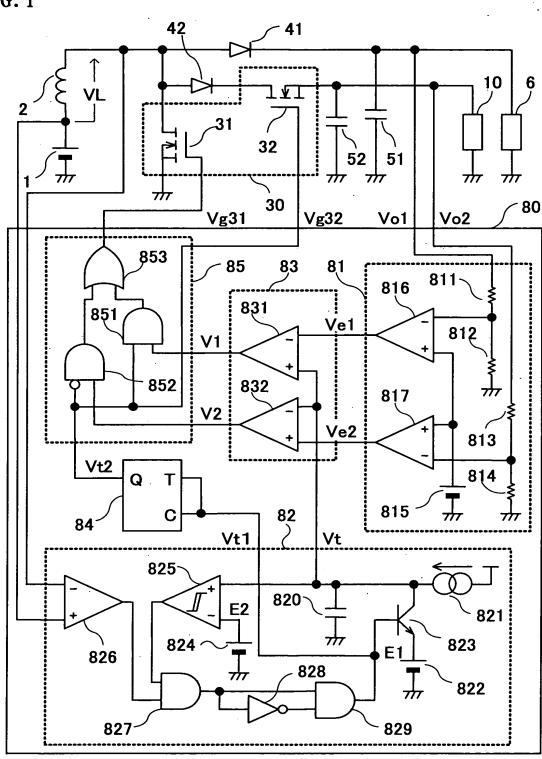


FIG. 2

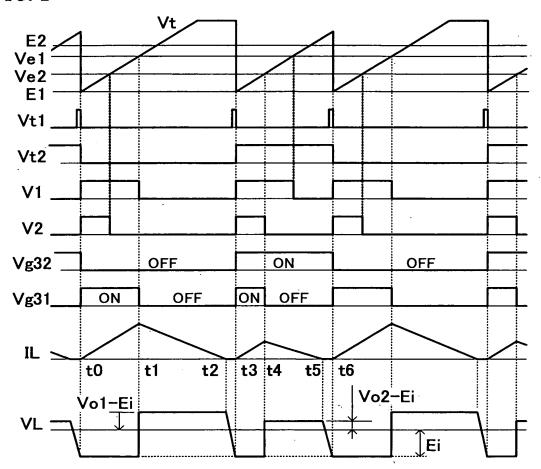


FIG. 3

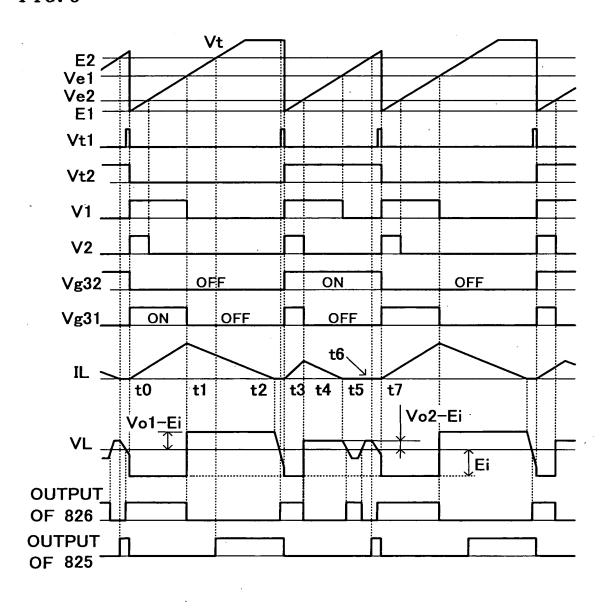
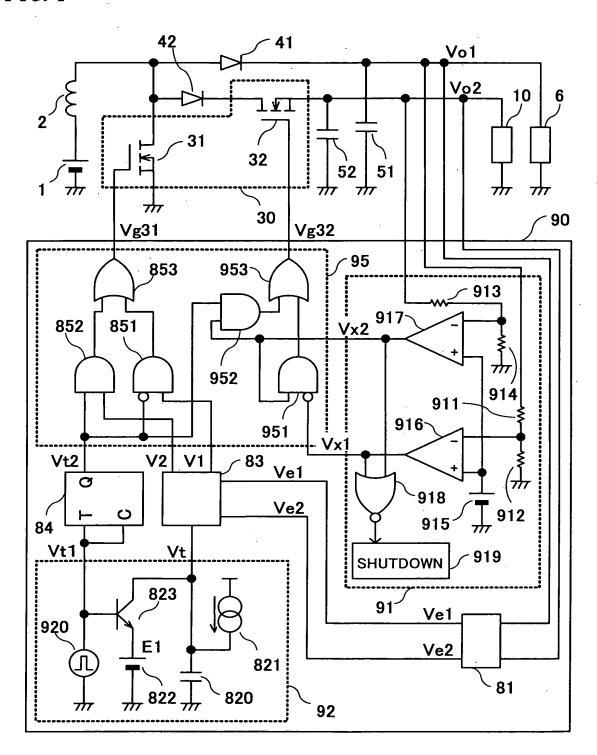


FIG. 4



Title: Multi-output DC-DC Converter Inventor(s): Takuya ISHII et al. Exp. Mail No.: EV434910973US Attorney Doc. No.: 208861.0494/494US

Cust. No.: 000570 (P33883-01)

FIG. 5

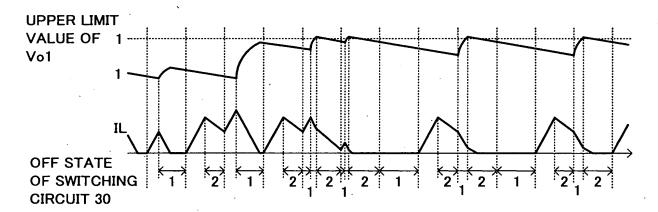
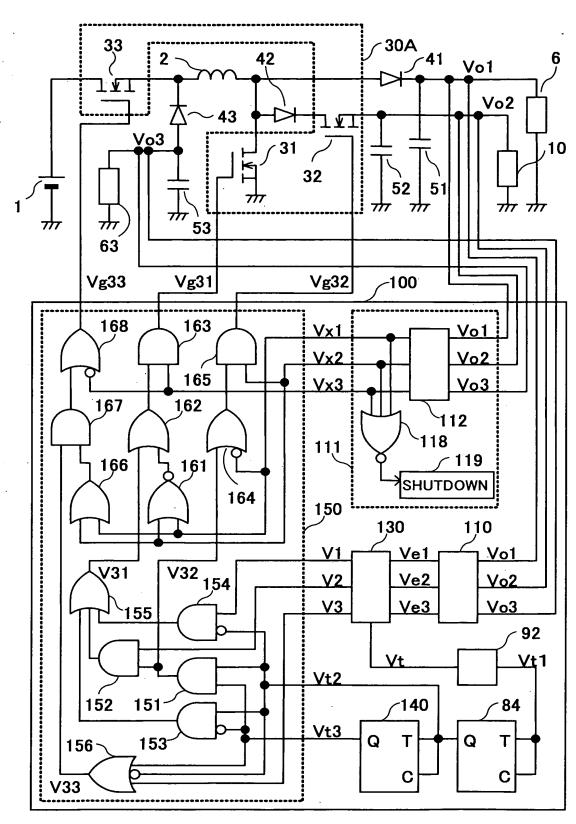


FIG. 6



Title: Multi-output DC-DC Converter Inventor(s): Takuya ISHII et al. Exp. Mail No.: EV434910973US Attorney Doc. No.: 208861.0494/494US

Cust. No.: 000570 (P33883-01)

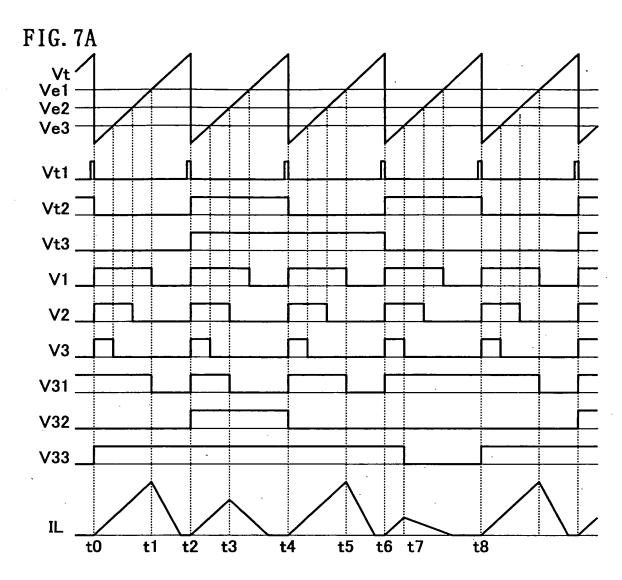


FIG. 7B

	I	I	Ш	IV	V	VI	VII	VIII
Vx1	н	Н	Н	Н	L	L	L	L
Vx2	н	Н	L	L	н	Н	L	L
Vx3	Н	L	Н	L	Н	L	Н	L
Vg31	V31	L	V31	L	V31	L	Н	L
Vg32	V32	V32	L	L	н	Н	L	L
Vg33	V33	Н	V33	_H_	V33	Н	L	Н

I : NORMAL OPERATION CONDITION
WII : ABNORMAL CONDITION (SHUTDOWN)

FIG. 8

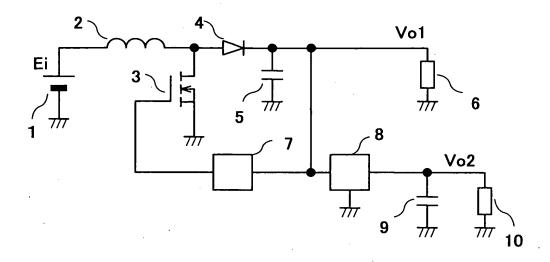


FIG. 9

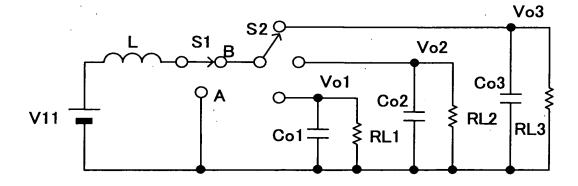
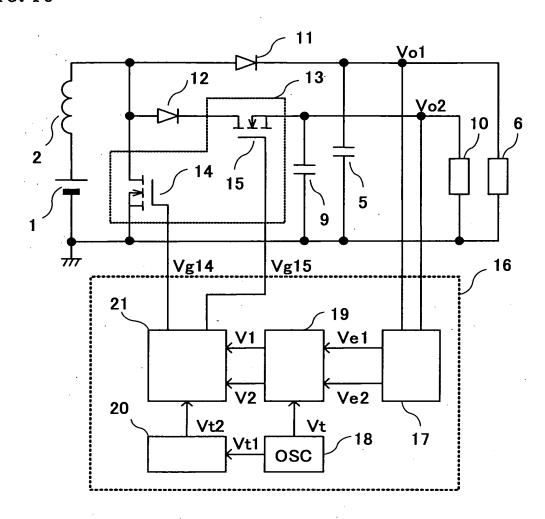


FIG. 10



Title: Multi-output DC-DC Converter Inventor(s): Takuya ISHII et al. Exp. Mail No.: EV434910973US Attorney Doc. No.: 208861.0494/494US

Cust. No.: 000570 (P33883-01)

FIG. 11

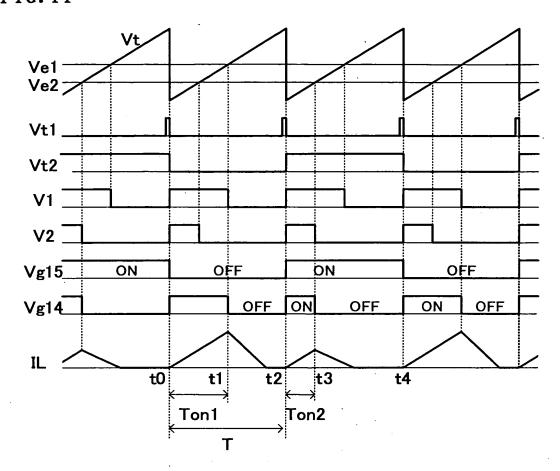


FIG. 12

